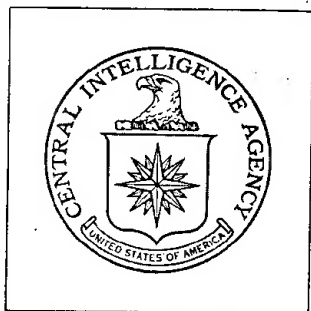


**Top Secret**



DIRECTORATE OF  
INTELLIGENCE

**Industrial Facilities  
(Non-Military)**

*Basic Imagery Interpretation Report*

**Lu-ta Steel Plant**

**Lu-ta, China**



25X1



25X1

**Top Secret**

RCS 13/0258/69

25X1

DATE JUNE 1969

COPY 101

PAGES 4

**Page Denied**

TOP SECRET

25X1  
25X1  
25X1CENTRAL INTELLIGENCE AGENCY  
Directorate of Intelligence  
Imagery Analysis Service

RCS - 13/0258/69

|   |                             |         |      |
|---|-----------------------------|---------|------|
| INSTALLATION OR ACTIVITY NAME                                   |                             | COUNTRY |      |
| Lu-ta Steel Plant   |                             | CH      |      |
| UTM COORDINATES   | GEOGRAPHIC COORDINATES      |         | 25X1 |
| 51SUV796132   | 38-57-42N 121-36-27E        |         |      |
| MAP REFERENCE   |                             |         |      |
| 15th RTS. USATC Series 200, Sheet M0381-1041 3rd edition May 67 |                             |         | 25X1 |
| 1:200,000 (SECRET)  |                             |         | 25X1 |
| LATEST IMAGERY USED   | NEGATION DATE (If required) |         | 25X1 |
|   | Not Required                |         |      |

## ABSTRACT

Detailed imagery analysis of the major production components of this plant reveals that it has no furnaces for steel production. The side-blown converter shop, previously utilized to produce steel, was modified prior to January 1967 and is currently a rolling mill. The plant now has the characteristic appearance of a heavy equipment plant.\* It was observed in operation on all eight photographic missions during 1967, 1968 and 1969.

\*NOTE: Action has been initiated through appropriate channels to have the Basic Encyclopedia corrected.

-1-

TOP SECRET

25X1

25X1

## INTRODUCTION

25X1

25X1



### BASIC DESCRIPTION

The plant is bounded on the south by Ta-lien-wan (Bay) and walled on the other three sides. It occupies an area of approximately 4,000 by 2,500 feet. It is served by a good road network and a rail spur off the Shen-yang to Lu-shan rail line.

The major production facilities consist of two rolling mills, several forge shops, several foundries, several forge/machine shops, fabrication buildings, and a possible air separation plant. The previous report 1/ identified a side-blown converter shop for producing steel. This facility was modified prior to January 1967 and is currently identified as a rolling mill (Item 12). With this modification and the absence of any other identifiable steel producing furnaces, this plant is incapable of producing steel. The plant is probably engaged in fabricating parts and some assembly operations. These operations and the identified facilities are characteristic of heavy equipment plants.

25X1

25X1<sub>25X1</sub>

TOP SECRET

25X125X1

## Key to Annotations

| <u>Item No.</u> | <u>Description</u>            | <u>Dimensions<br/>(Ft)*</u> | <u>Roof Cover<br/>(Sq Ft)</u> |      |
|-----------------|-------------------------------|-----------------------------|-------------------------------|------|
| 1               | Possible Air Separation Plant | Irregular                   | 27,515                        |      |
| 2               | Forge Shop                    | 735 x 250                   |                               | 25X1 |
| 3               | Administration Building       | Irregular                   | 17,030                        |      |
| 4               | Forge/Machine Shop            | 840 x 130                   |                               | 25X1 |
| 5               | Fabrication Building          | Irregular                   | 135,740                       |      |
| 6               | Administration Building       | 235 x 50                    | 11,750                        |      |
| 7               | Assembly Building             | 450 x 180                   | 81,270                        |      |
| 8               | Forge/Machine Shop            | 370 x 240                   | 88,815                        |      |
| 9               | Foundry                       | 820 x 200                   | 199,085                       |      |
| 10              | Rolling Mill                  | Irregular                   | 136,845                       |      |
| 11              | Forge/Machine Shop            | 1,180 x 315                 | 351,955                       |      |
| 12              | Rolling Mill                  | 640 x 160                   | 128,640                       |      |
| 13              | Fabrication Building          | 390 x 120                   | 56,930                        |      |
| 14              | Foundry                       | Irregular                   | 126,425                       |      |
| 15              | Foundry                       | Irregular                   | 204,920                       |      |
| 16              | Probable Foundry              | Irregular                   | 53,635                        |      |
| 17              | Foundry                       | Irregular                   | 155,415                       |      |
| 18              | Probable Forge Shop           | 500 x 120                   | 79,080                        |      |
| 19              | Fabrication Building          | Irregular                   | 58,945                        |      |
| 20              | Foundry                       | Irregular                   | 35,065                        |      |

\*The length and width measurements indicated may not equal the corresponding square feet of roof cover. The area of roof cover was determined by taking into account all protrusions and accurately determining the total square feet.

## REFERENCES

25X1

## Maps

- 15th RTS. US Air Target Chart, Series 200, Sheet M0381-10HL, 3rd edition,  
May 67, Scale 1:200,000 (SECRET) 25X1  
25X1
- ACIC. USAF Operational Navigation Chart, Sheet G-10, 5th edition,  
Mar 68, Scale 1:1,000,000 (UNCLASSIFIED)

## Documents

1. CIA. DDI/IAR 85014, Expansion of Chinese Iron and Steel Plants 1965-  
1967, August 1967, (TOP SECRET) 25X1

## Requirement

EXSUBCOM - BR-N/002-69

25X1

-3-

TOP SECRET

25X1

**Page Denied**

**Top Secret**



**Top Secret**